



I/O Units

Unit classification	Product name	Specifications					Number of bits allocated	Current consumption (A)		Model
		Output type	I/O points	Input voltage, Input current	Commons	External connection		5 V	24 V	
				Maximum switching capacity						
CJ1 Basic I/O Units	DC Input/Transistor Output Units 	Sinking	16 inputs	24 VDC, 7 mA	16 points, 1 common	Fujitsu connector	32	0.13	---	CJ1W-MD231 *2
			16 outputs	250 VAC/24 VDC, 0.5 A	16 points, 1 common					
		Sinking	16 inputs	24 VDC, 7 mA	16 points, 1 common	MIL connector	64	0.13	---	CJ1W-MD233 *2
			16 outputs	12 to 24 VDC, 0.5 A	16 points, 1 common					
		Sinking	32 inputs	24 VDC, 4.1 mA	16 points, 1 common	Fujitsu connector	32	0.14	---	CJ1W-MD261 *1
			32 outputs	12 to 24 VDC, 0.3 A	16 points, 1 common					
	Sinking	32 inputs	24 VDC, 4.1 mA	16 points, 1 common	MIL connector	64	0.14	---	CJ1W-MD263 *1	
		32 outputs	12 to 24 VDC, 0.3 A	16 points, 1 common						
	Sourcing	16 inputs	24 VDC, 7 mA	16 points, 1 common	MIL connector	32	0.13	---	CJ1W-MD232 *2	
		16 outputs	24 VDC, 0.5 A Short-circuit protection	16 points, 1 common						
TTL I/O Units 	---	32 inputs	5 VDC, 35 mA	16 points, 1 common	MIL connector	64	0.19	---	CJ1W-MD563 *1	
		32 outputs	5 VDC, 35 mA	16 points, 1 common						

*1 Connectors are not provided with these connector models. Either purchase one of the following 40-pin Connectors, or use an OMRON XW2K Series Datasheet (Cat. No. G152) and XW2R Series Catalog (Cat. No. G077) or a G7□ I/O Relay Terminal.

*2 Connectors are not provided with these connector models. Either purchase one of the following 20-pin or 24-pin Connectors, or use an OMRON XW2K Series Datasheet (Cat. No. G152) and XW2R Series Catalog (Cat. No. G077) or a G7□ I/O Relay Terminal.

Applicable Connectors

Fujitsu Connectors for 32-input, 32-output, 64-input, 64-output, 32-input/32-output, and 16-input/16-output Units

Name	Connection	Remarks	Applicable Units	Model
40-pin Connectors	Soldered	FCN-361J040-AU Connector FCN-360C040-J2 Connector Cover	Fujitsu Connectors: CJ1W-ID231(32 inputs): 1 per Unit CJ1W-ID261 (64 inputs) 2 per Unit CJ1W-OD231 (32 outputs):1 per Unit CJ1W-OD261 (64 outputs): 2 per Unit CJ1W-MD261 (32 inputs, 32 outputs): 2 per Unit	C500-CE404
	Crimped	FCN-363J040 Housing FCN-363J-AU Contactor FCN-360C040-J2 Connector Cover		C500-CE405
	Pressure welded	FCN-367J040-AU/F		C500-CE403
24-pin Connectors	Soldered	FCN-361J024-AU Connector FCN-360C024-J2 Connector Cover	Fujitsu Connectors: CJ1W-MD231 (16 inputs, 16 outputs): 2 per Unit	C500-CE241
	Crimped	FCN-363J024 Housing FCN-363J-AU Contactor FCN-360C024-J2 Connector Cover		C500-CE242
	Pressure welded	FCN-367J024-AU/F		C500-CE243

MIL Connectors for 32-input, 32-output, 64-input, 64-output, 32-input/32-output, and 16-input/16-output Units

Name	Connection	Remarks	Applicable Units	Model
40-pin Connectors	Pressure welded	FRC5-AO40-3TOS	MIL Connectors: CJ1W-ID232/233 (32 inputs): 1 per Unit CJ1W-OD232/233/234 (32 outputs):1 per Unit CJ1W-ID262 (64 inputs): 2 per Unit CJ1W-OD262/263 (64 outputs): 2 per Unit CJ1W-MD263/563 (32 inputs, 32 outputs): 2 per Unit	XG4M-4030-T
20-pin Connectors	Pressure welded	FRC5-AO20-3TOS	MIL Connectors: CJ1W-MD232/233 (16 inputs, 16 outputs): 2 per Unit	XG4M-2030-T